

DIRECTOR OF BUREAU OF ENGINEERING

This position involves responsibility for directing all engineering and administrative operations of the Bureau. The Director performs engineering work of the highest level, including the design, construction and maintenance of bridges, highways, parks, airports and public buildings. General supervision is received from the Director of Engineering and Public Works. General supervision is exercised over a large staff of engineering and public works employees.

TYPICAL WORK ACTIVITIES INCLUDE:

- Establishes and maintains technical liaison with state, federal and local government agencies and with professional organizations;
- Assigns work to subordinates and supervises such work;
- Plans, organizes and directs major engineering and highway programs;
- Supervises the design and preparation of detailed plans, specifications and estimates for construction and maintenance of airports, parks, bridges, buildings, roads, sewers, and related facilities and structures;
- Directs all field surveys;
- Advises county officials on feasibility of large capital expenditures for major improvements and repairs;
- Prepares budget estimates;
- Serves as consultant to other county departments on engineering problems;
- Checks contractors estimates and proposals and supervises private contract construction;

Comprehensive knowledge of the principles and practices of civil, structural, mechanical or electrical engineering; comprehensive knowledge of methods and procedures involved in the initiation, planning and development of major engineering projects; thorough knowledge of construction and maintenance of buildings and related facilities including heating, ventilating and air conditioning; good knowledge of administrative procedures and techniques; ability to coordinate complex and diverse phases of public works engineering programs; ability to originate new procedures, processes and techniques; ability to present technical programs in a clear intelligent manner.

MINIMUM QUALIFICATIONS:

Master's Degree in Civil, Structural, Electrical, or Mechanical Engineering and two years of supervisory experience in professional engineering, in the construction and maintenance of bridges, roads, and buildings and related public works facilities and structures; OR

Bachelor's Degree in Civil, Structural, Electrical, or Mechanical Engineering and four years of experience in professional engineering, two years of which shall have been in a supervisory capacity, in the construction and maintenance of bridges, roads, and buildings and related public works facilities and structures.

Possession of license to practice as a professional engineer in New York State at the time of appointment.